

Amendments to the Specification:

Page 1, between lines 2 and 3, insert the heading

— BACKGROUND OF THE INVENTION —.

Page 2, delete lines 1-4

Page 2, before line 1, insert the paragraph

— SUMMARY OF THE INVENTION —.

The invention proposes a method providing a service to wireless stations through a telecommunication network, the service being identified by a unique service identifier stored in the telecommunication network and in at least one subscriber station among said wireless stations, the method comprising the steps of:

- determining a paging identifier in the telecommunication network and at said subscriber station, by applying a hash function to a data string including at least part of the unique service identifier;
- associating said subscriber station with the determined paging identifier; and
- prior to transmitting information pertaining to the service over a broadcast channel, transmitting a paging message incorporating said paging identifier to the wireless stations.

The invention also proposes a telecommunication network equipment for participating in the provision of services to wireless stations, the equipment comprising:

- means for storing unique service identifiers respectively identifying the services;
- means for determining a respective paging identifier associated with each of the services, by applying a hash function to a data string including at least part of the unique identifier for said service; and
- means for transmitting a paging message incorporating the paging identifier associated with one of the services to the wireless stations, prior to transmitting information pertaining to said one of the services over a broadcast channel.

The invention also proposes a wireless station for communicating through a telecommunication network, the wireless station comprising:

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- means for storing at least one unique service identifier identifying a respective service to which the station has a subscription;
 - means for determining a paging identifier, by applying a hash function to a data string including at least part of the unique service identifier; and
 - means for receiving a paging message incorporating said paging identifier and, in response thereto, switching to reception over a broadcast channel to receive information pertaining to the service as transmitted from the telecommunication network.

Page 2, delete lines 20-22.

Page 2, before line 23, insert the heading

— BRIEF DESCRIPTION OF THE DRAWINGS —.

Page 2, before line 27, insert the heading

— DESCRIPTION OF PREFERRED EMBODIMENTS —.